



FIG. 1

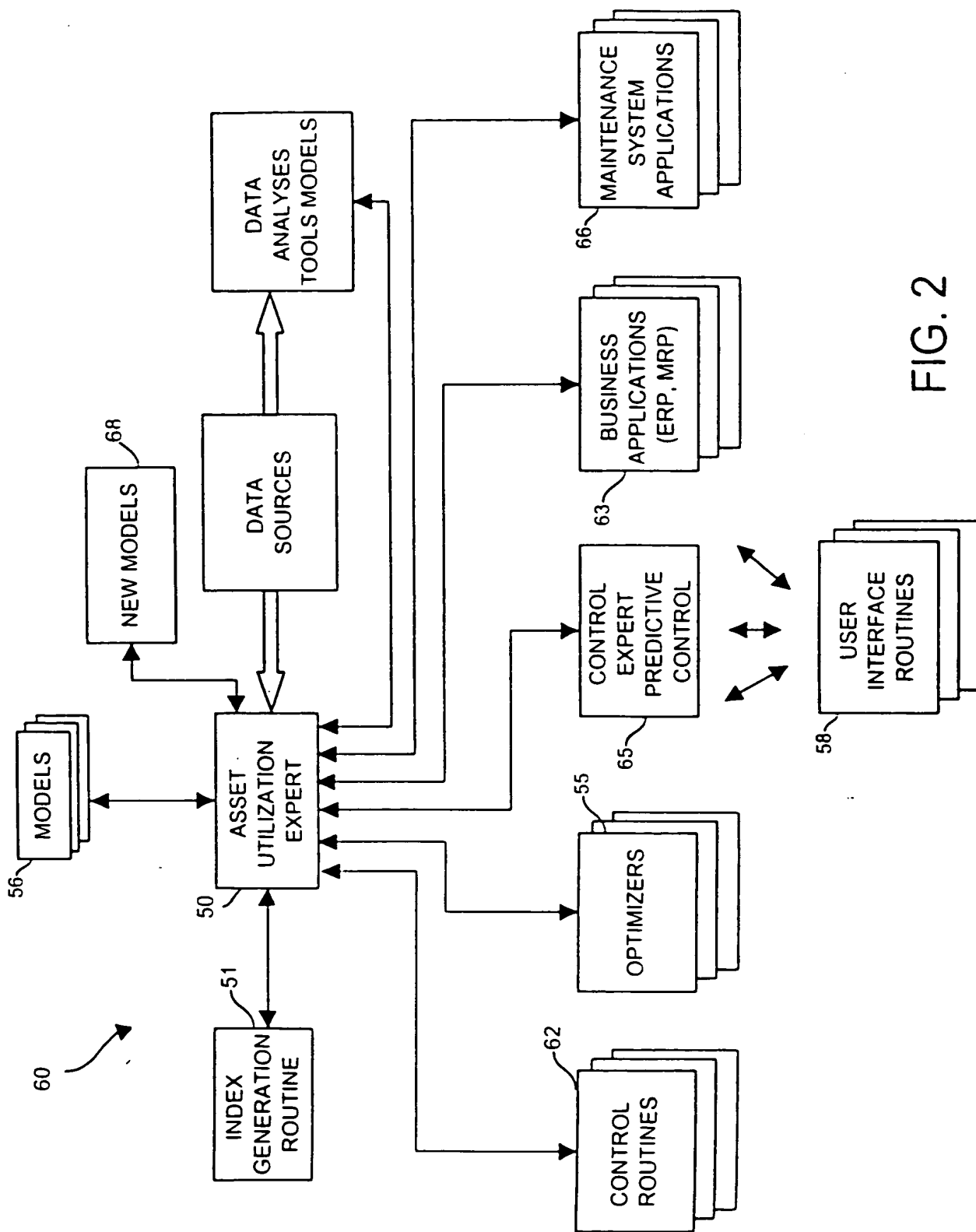


FIG. 2

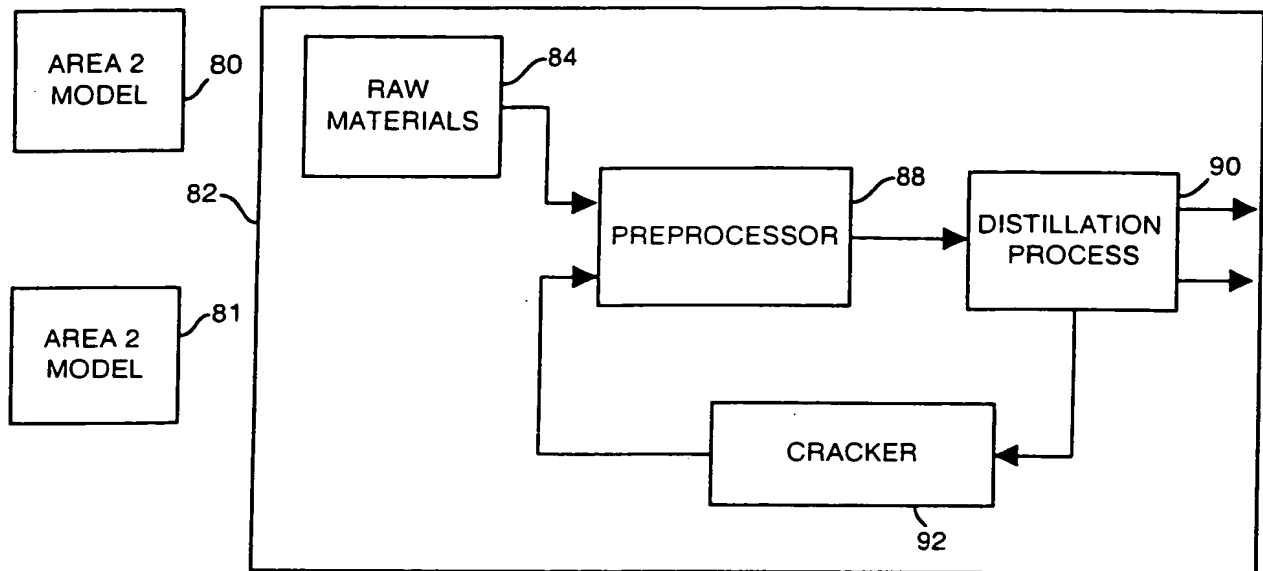


FIG. 3

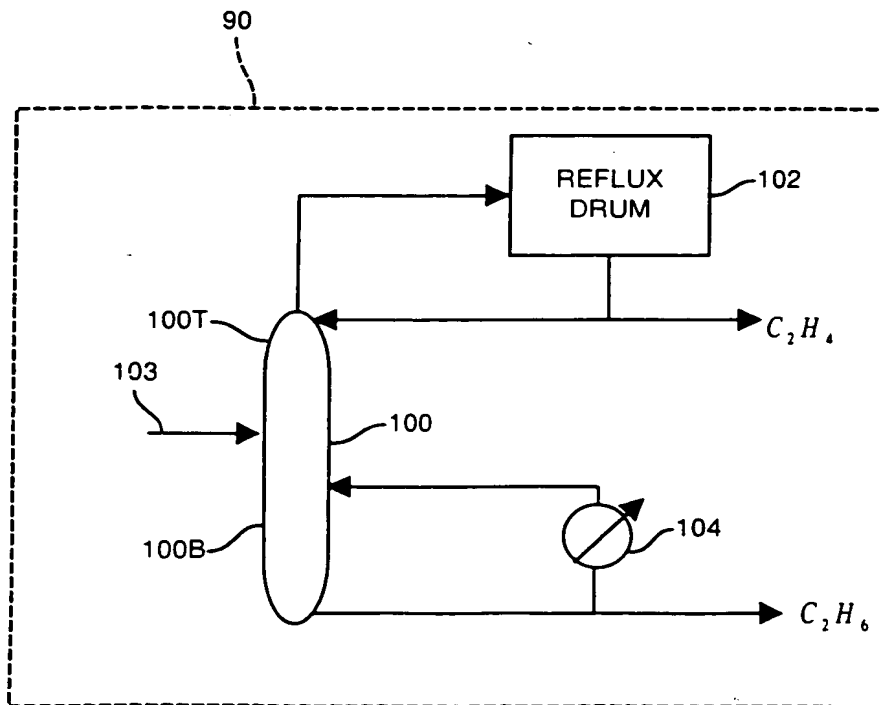


FIG. 4

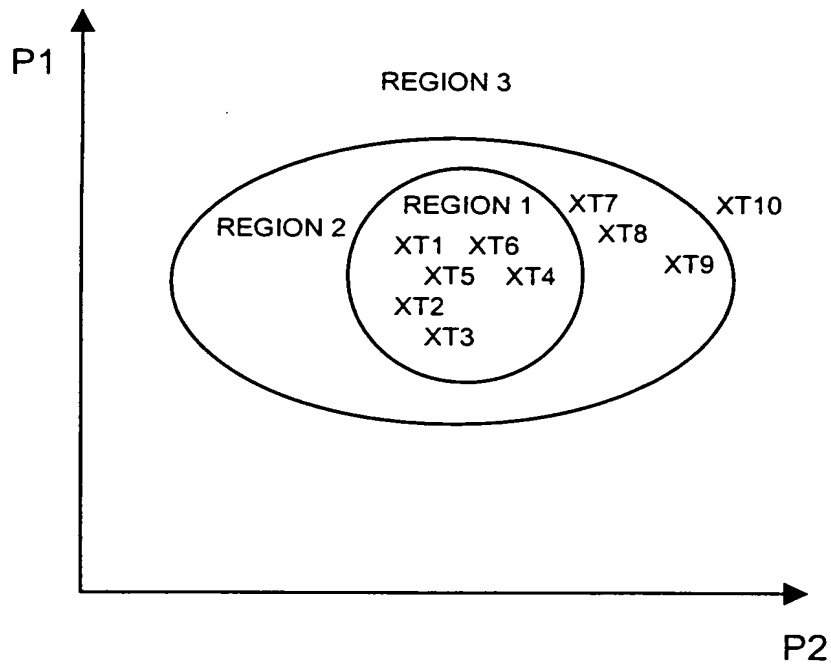


FIG. 5

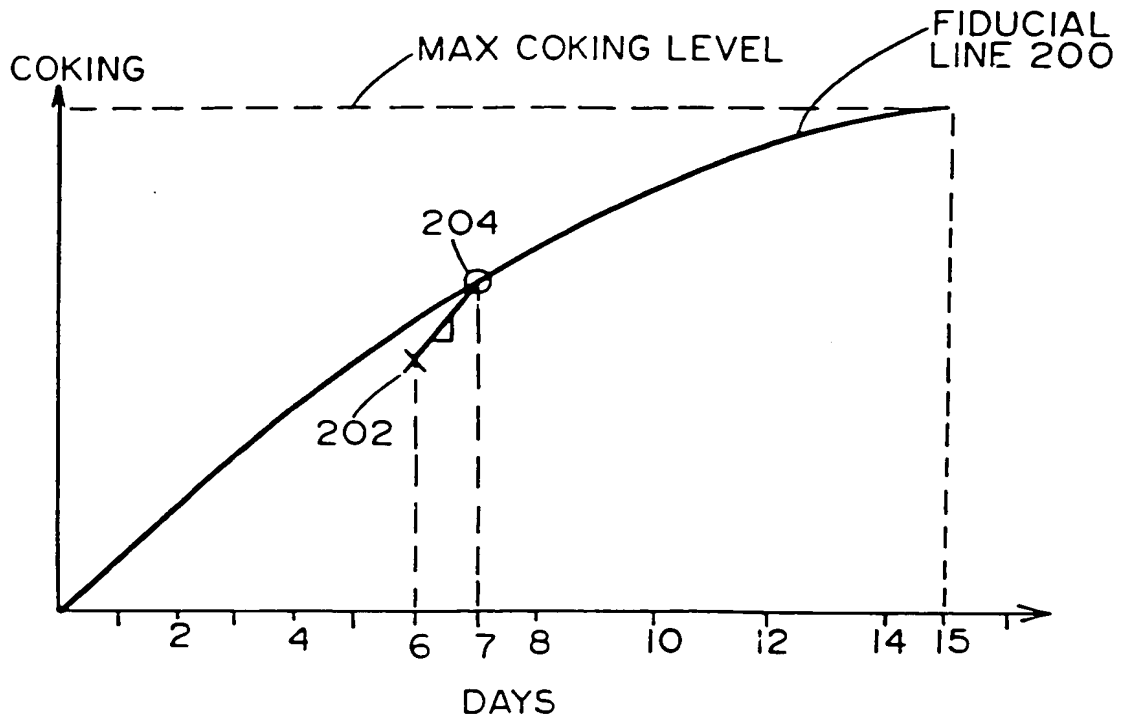


FIG. 6

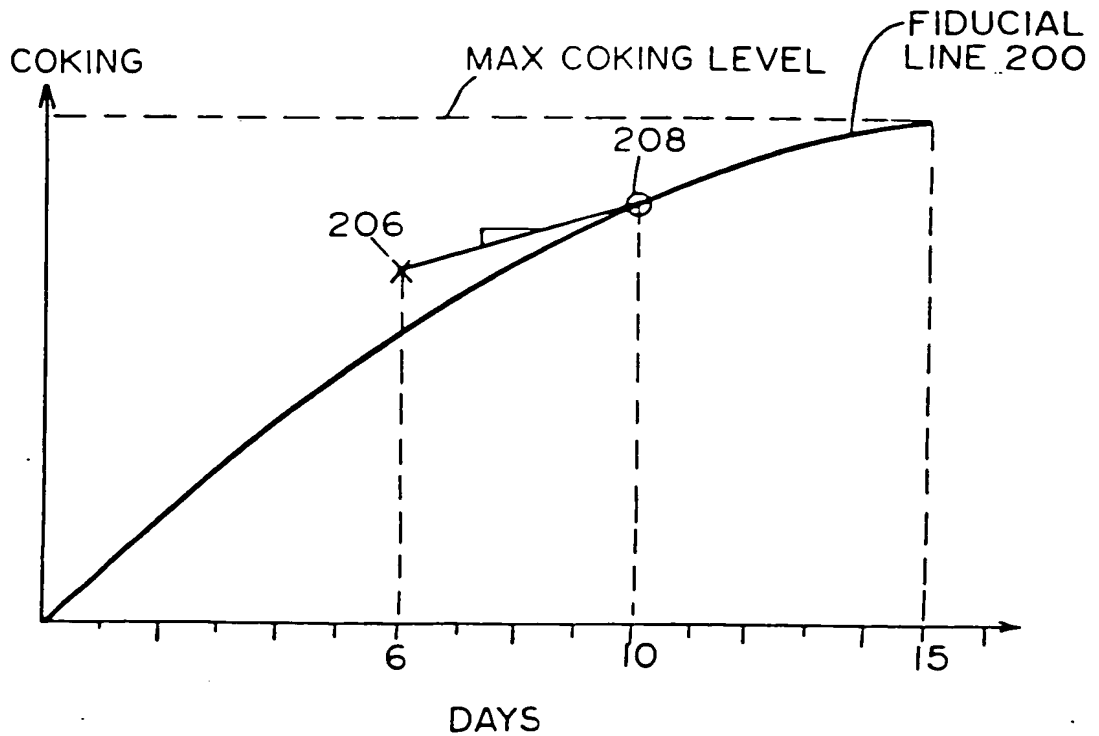
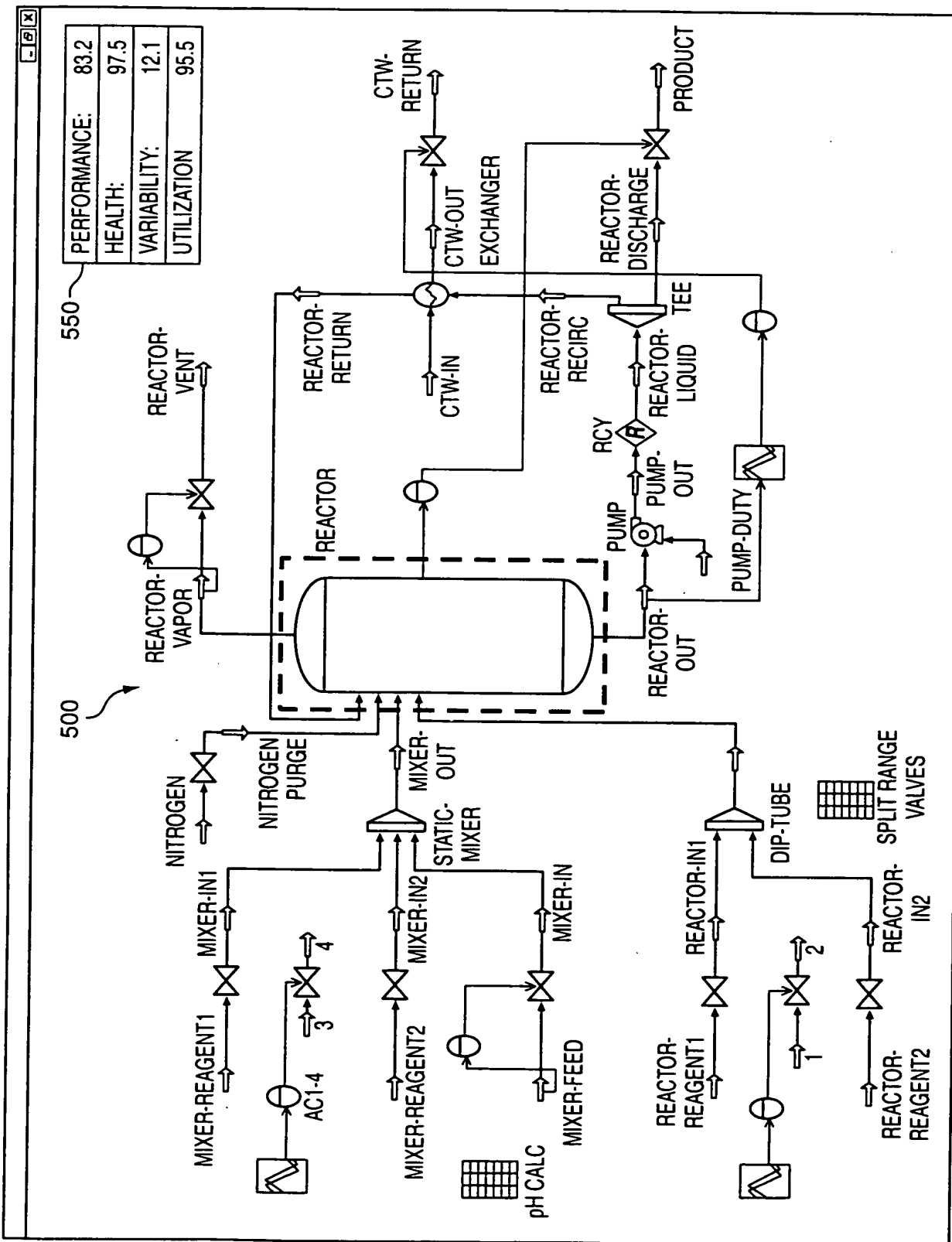


FIG. 7

FIG. 8



	PI	VI	HI	UI
Unit	x		x	x
Sub Unit	x		x	x
Loop		x	x	x
Device		x	x	

FIG. 9

PERFORMANCE FOR FCCU: 83.2

Loop Name	Index	Weight
FIC-101	88	3
TIC-111	89	3
LIC-111	88	3
FIC-111	60	3
FIC-112	80	1
TCI-222	87	1
FIC-101	88	3
TIC-111	89	3
LIC-111	88	3
FIC-111	60	3
FIC-112	80	1
TIC-222	87	1
PIC-111	87	1

575

FIG. 10

FCCU Health: 97.5

Device Name	Index	Description	Weight
FV-111	100	Leaking	3
TI-111	98	Sticktion	3
<u>LI-111</u>	90	40	3
MC-101	95	Will burn up in 2 weeks	3
FV-111	96	0	1

FIG. 11

FCCU Variability: 12.1

Device Name	Index	Weight
FV-101	0	3
TI-111	2	3
LI-111	40	3
FV-111	0	3
FV-112	0	1
TI-222	2	1
FI-101	7	3
TI-111	6	3
LI-111	7	3
FI-111	7	3
FI-112	7	1
TI-222	7	1
Sub unit: Reboiler RB101	15	2

FIG. 12

Alarms

Process

Impulse Line

Plugged Impulse Line Detection

Time Stamp

12:72:12

Status

☐ OK

☐ Inactive

☐ Learning

☐ Verifying

☒ Insufficient Dynamics

☐ Bad PV Status

☐ Not Licensed

☐ All Lines Plugged

Plugged Impulse Line History

Time Stamp

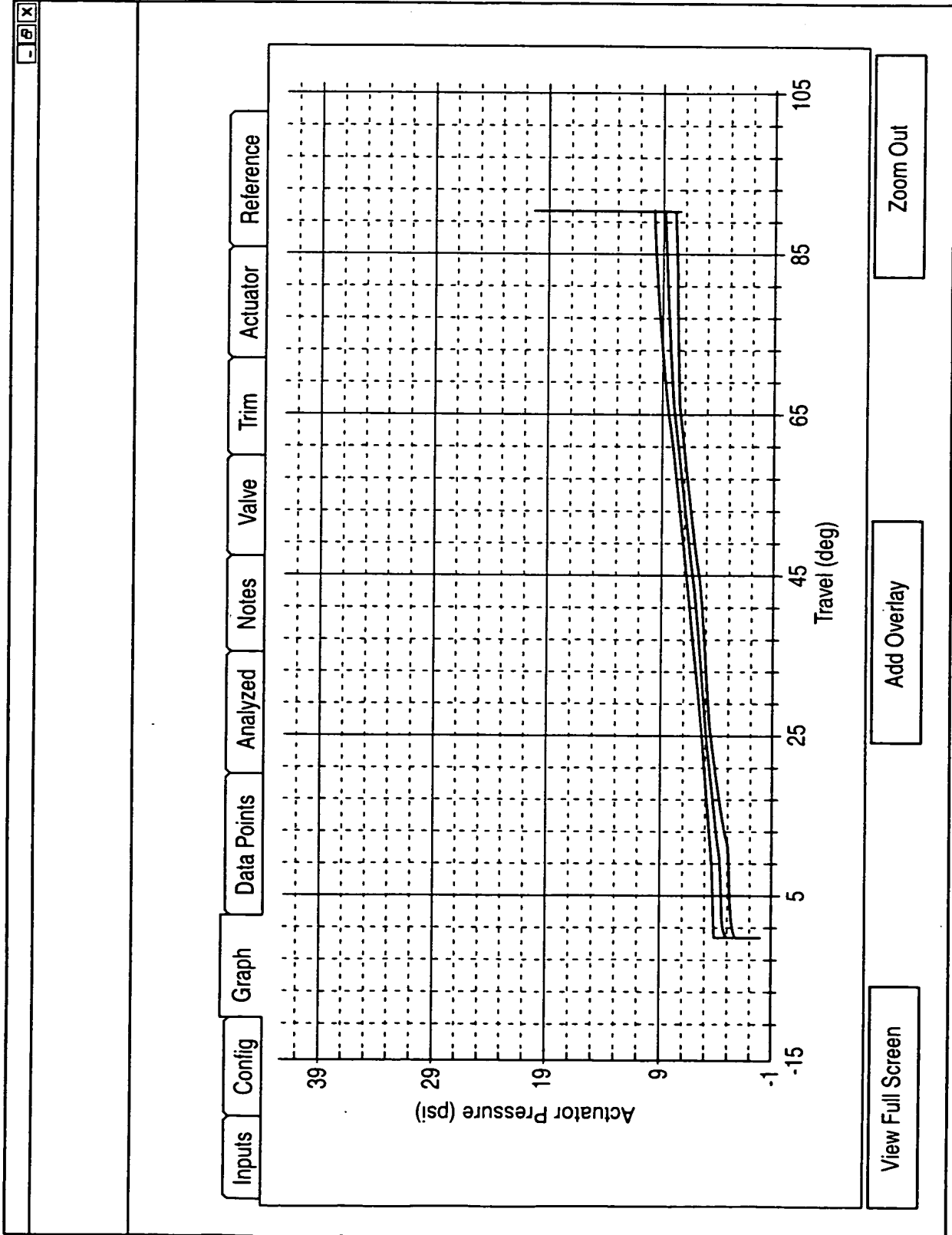
16:72:12

Status

☒ All Lines Plugged

☐ No History

FIG. 13



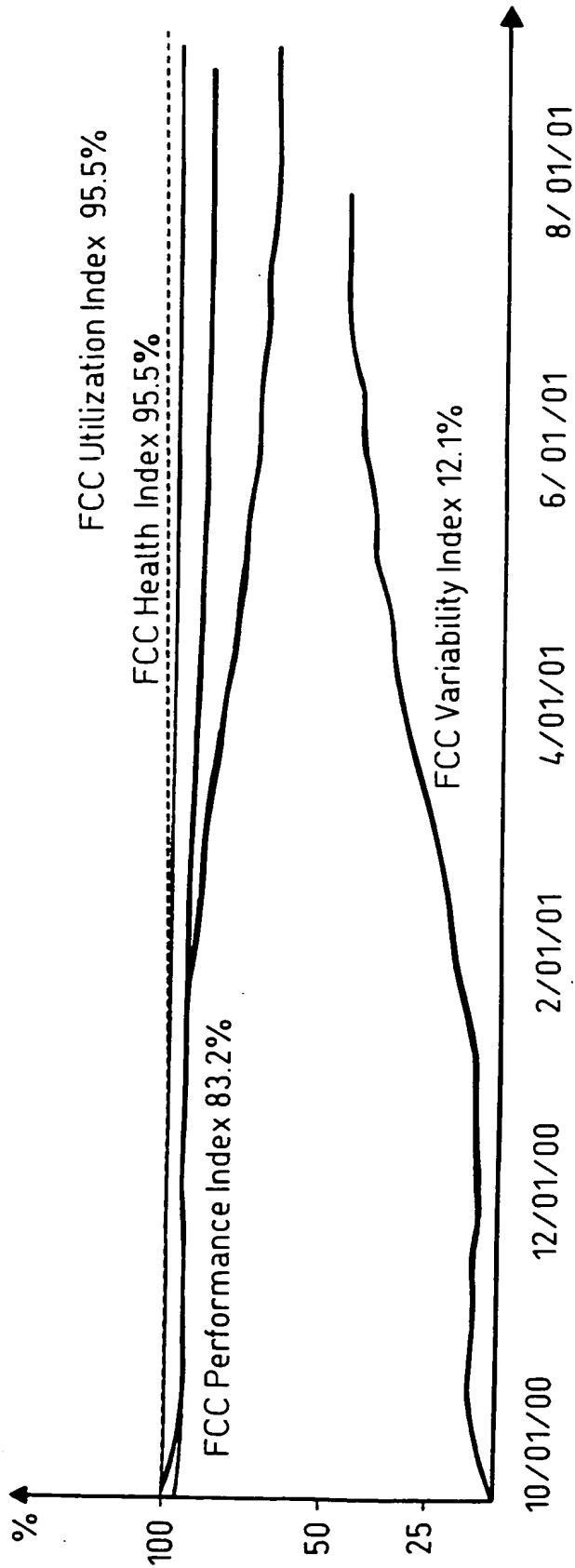


FIG. 15

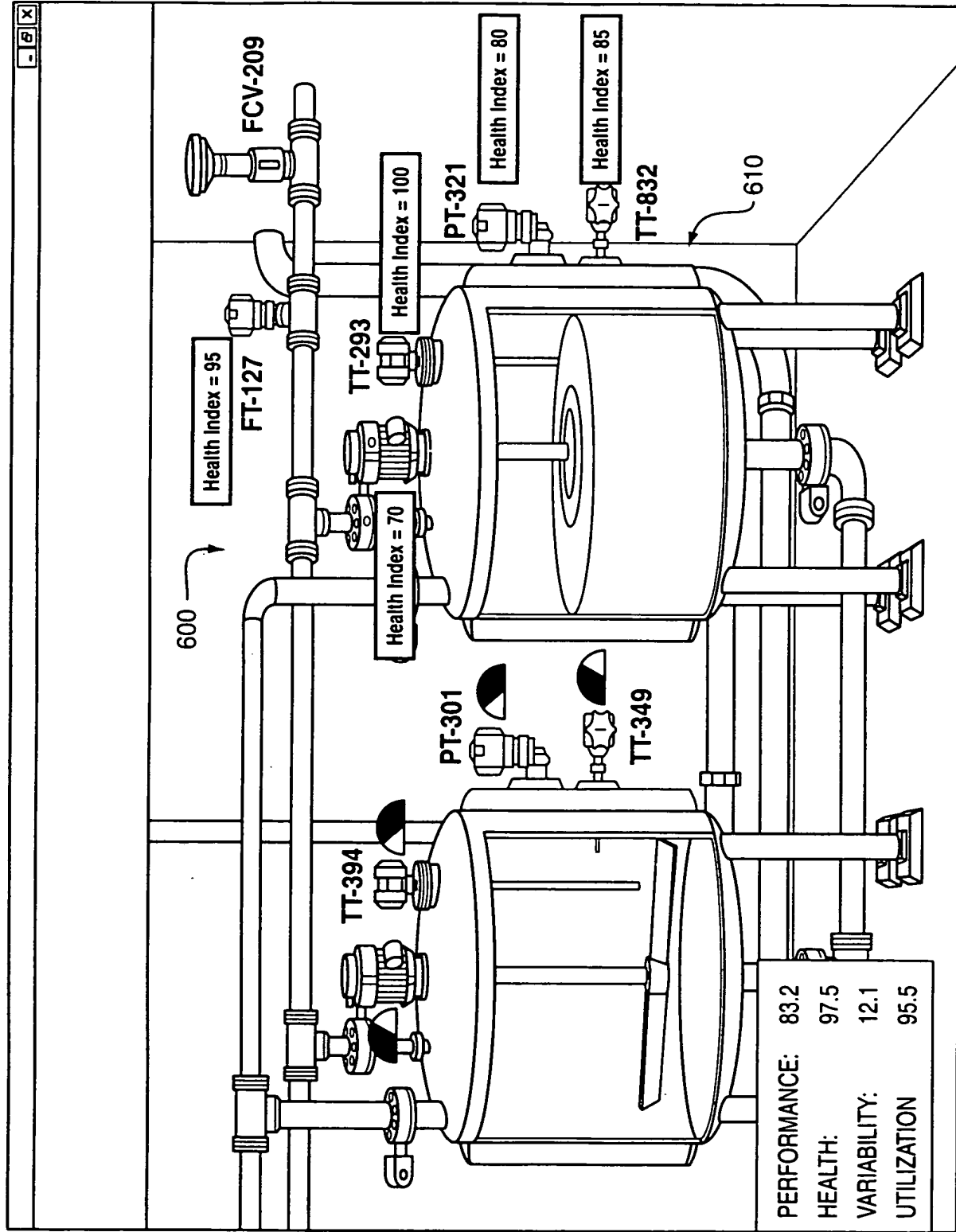


FIG. 16

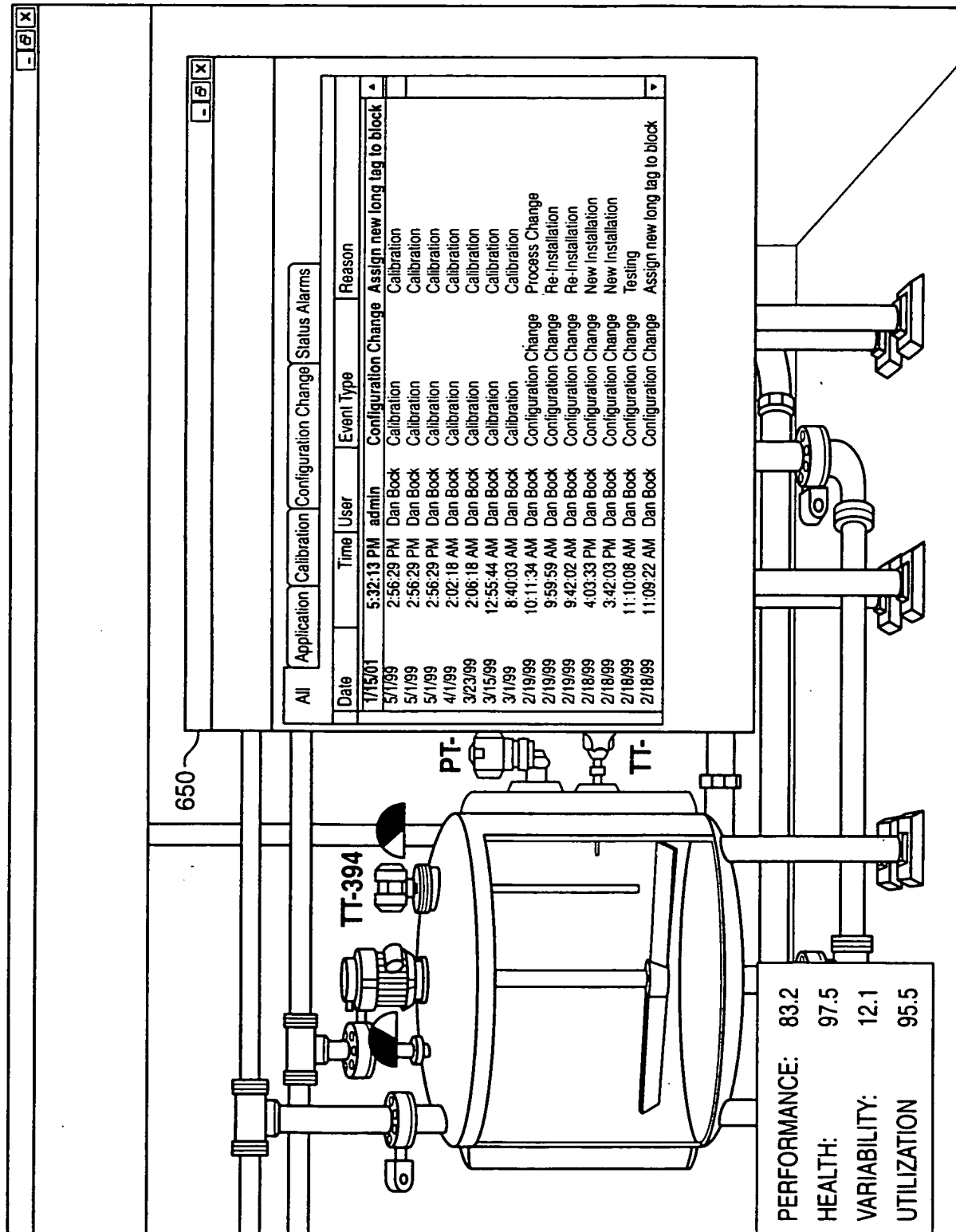


FIG. 17

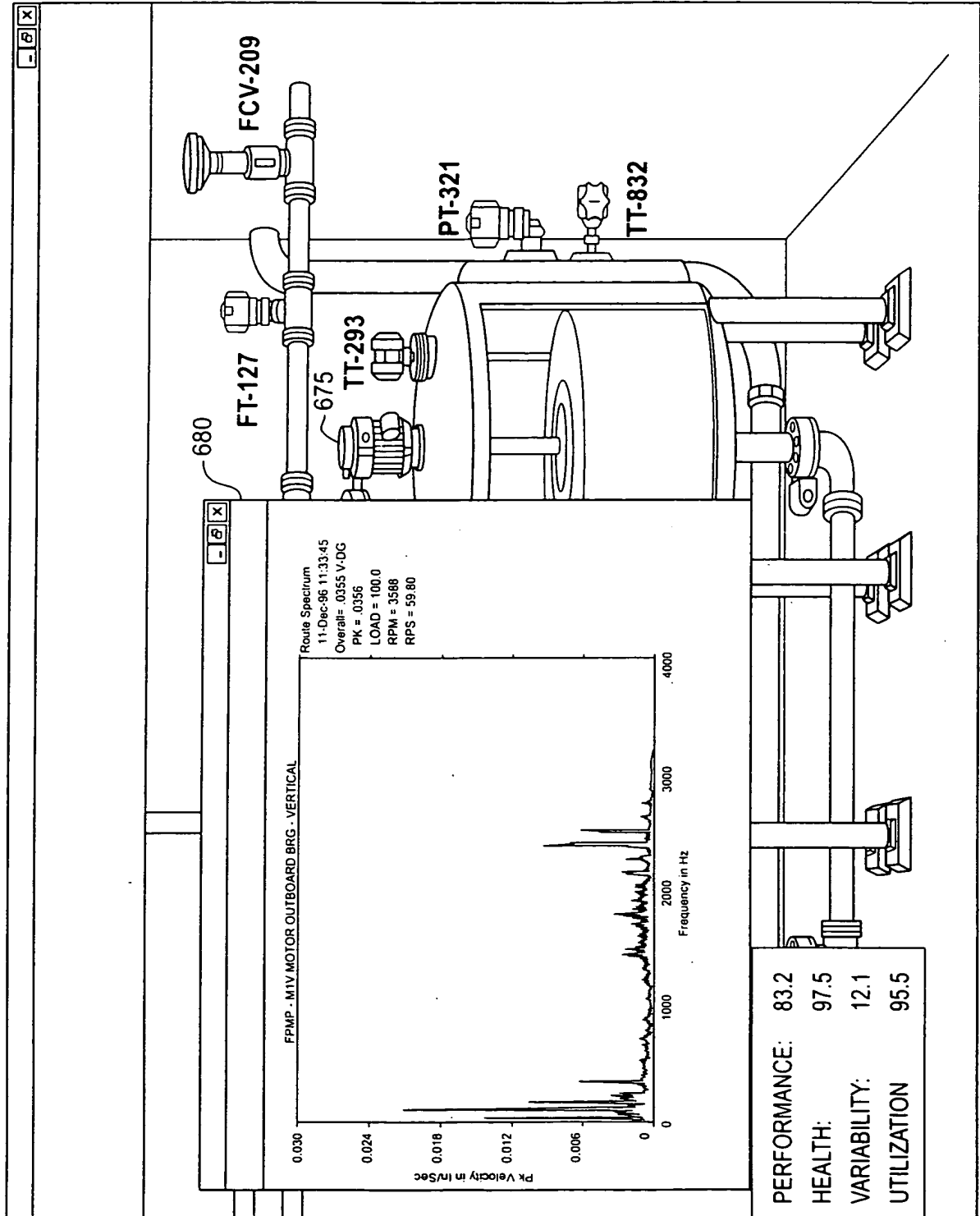


FIG. 18

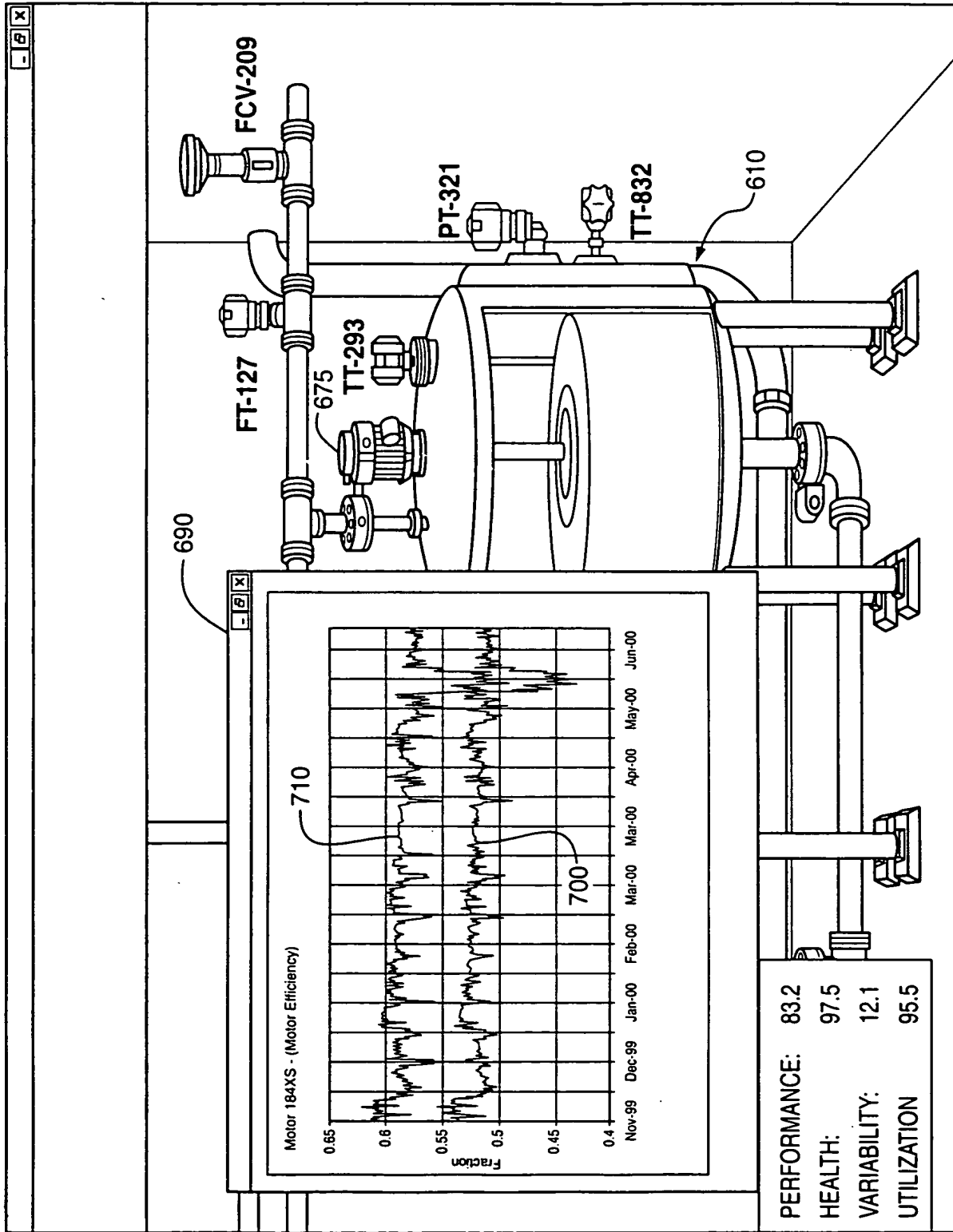
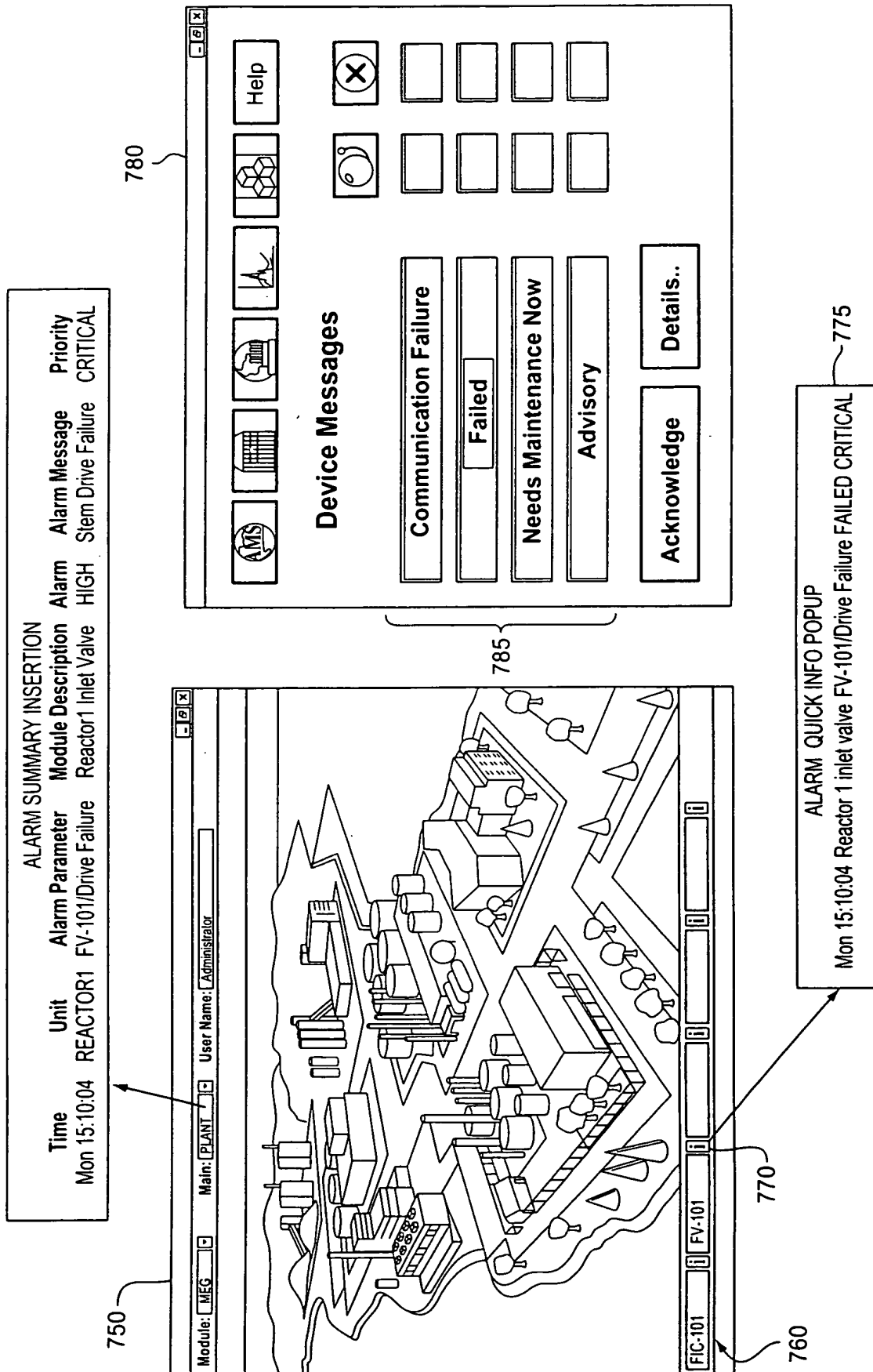


FIG. 19



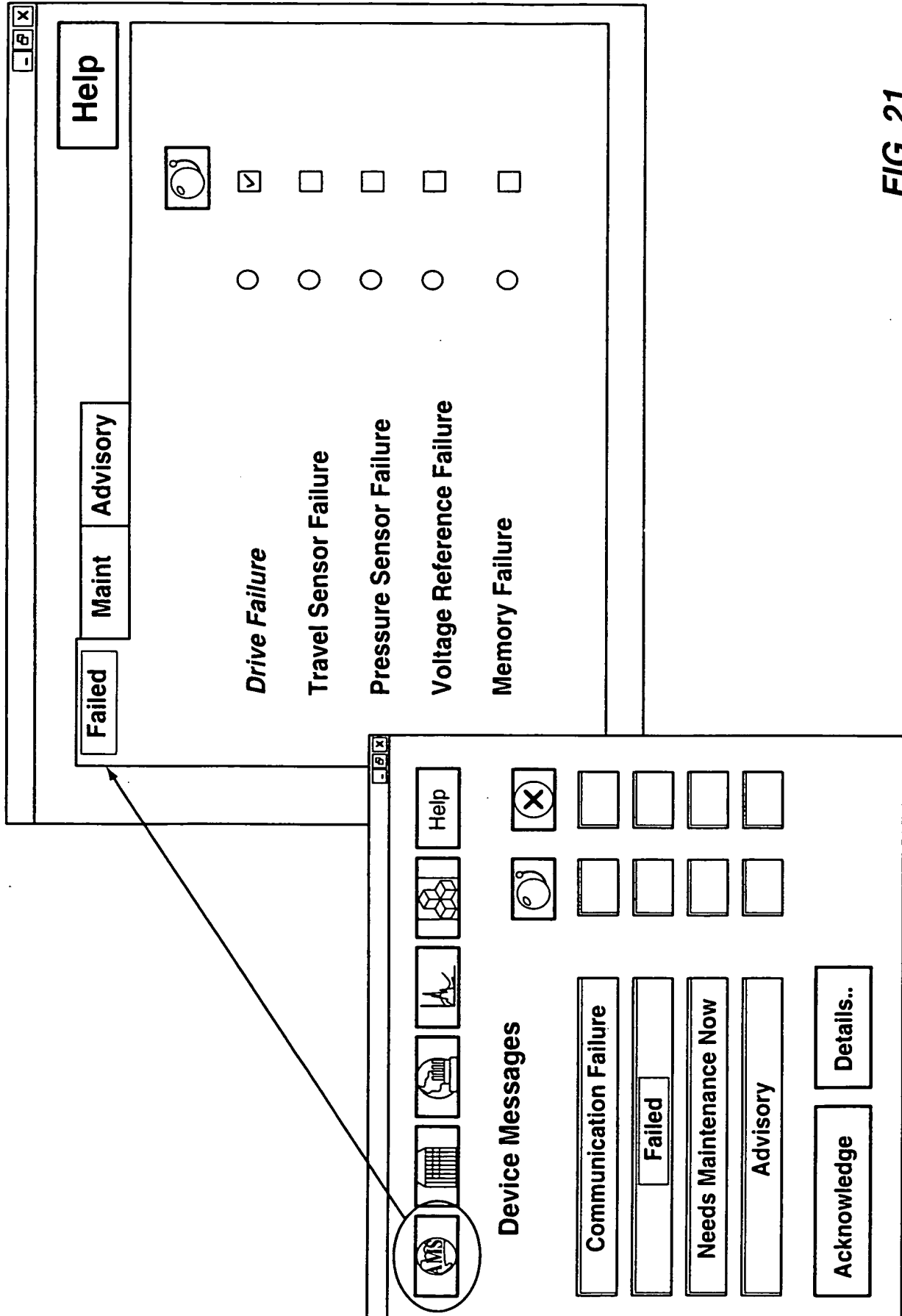


FIG. 21

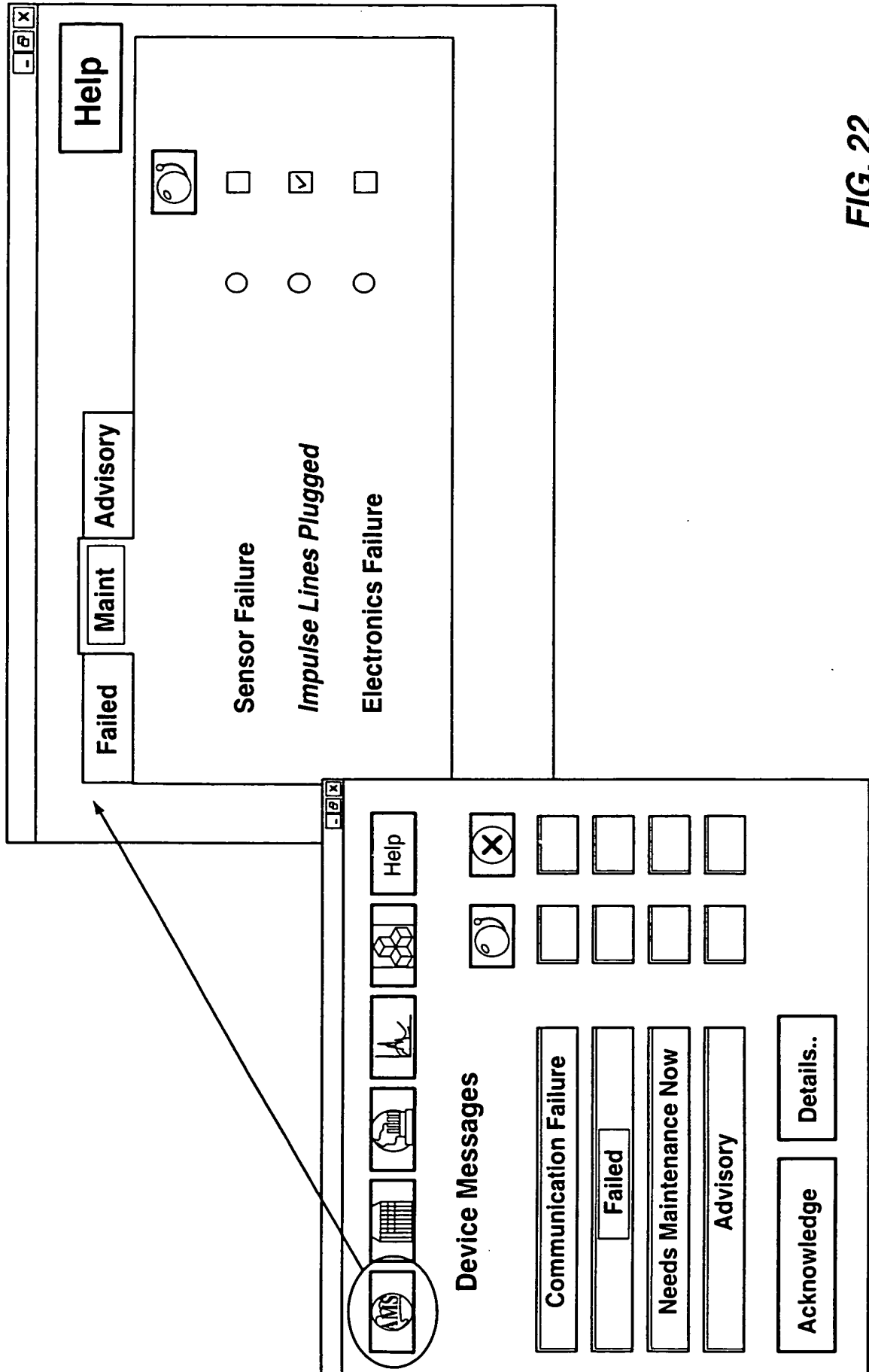


FIG. 22

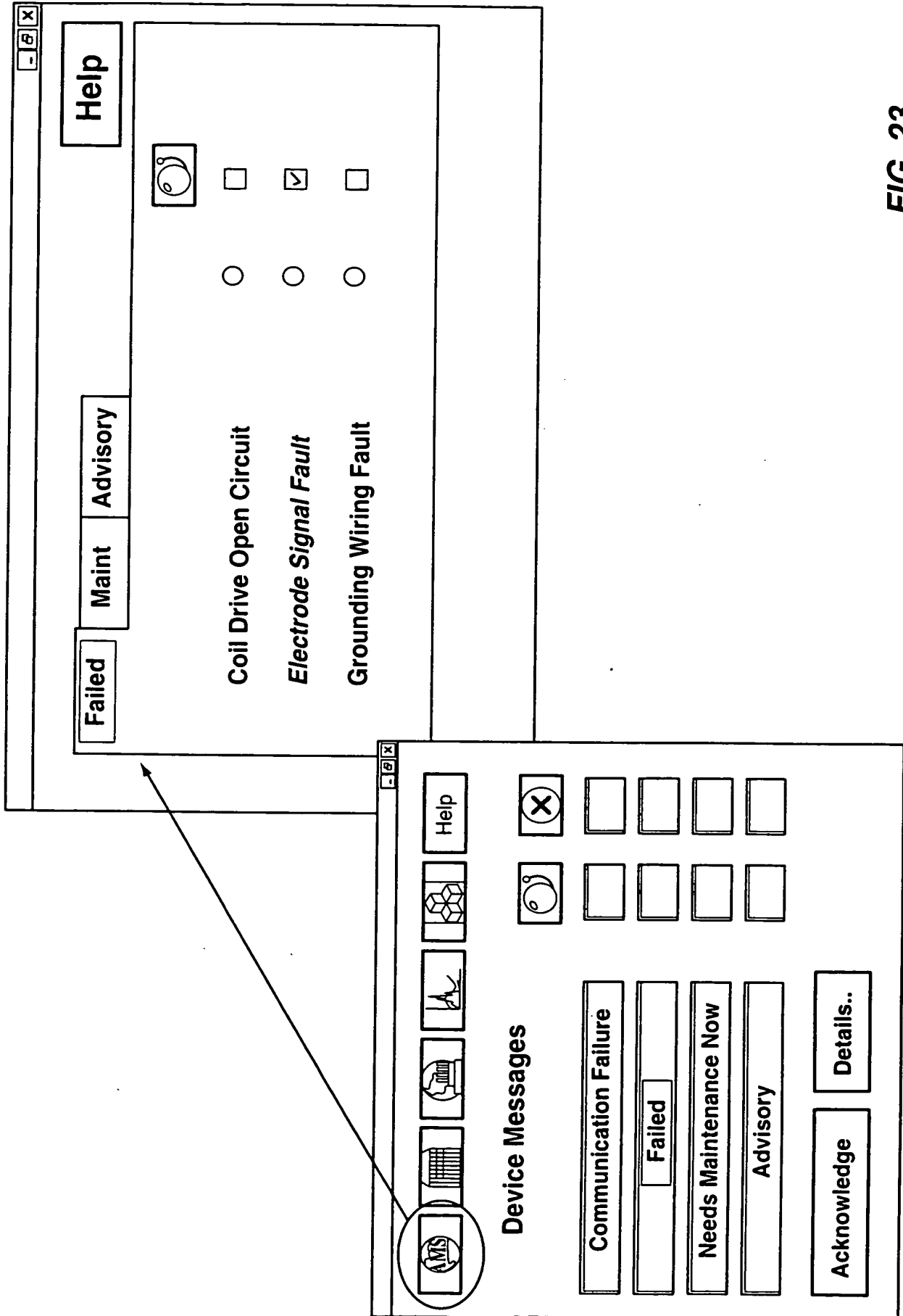
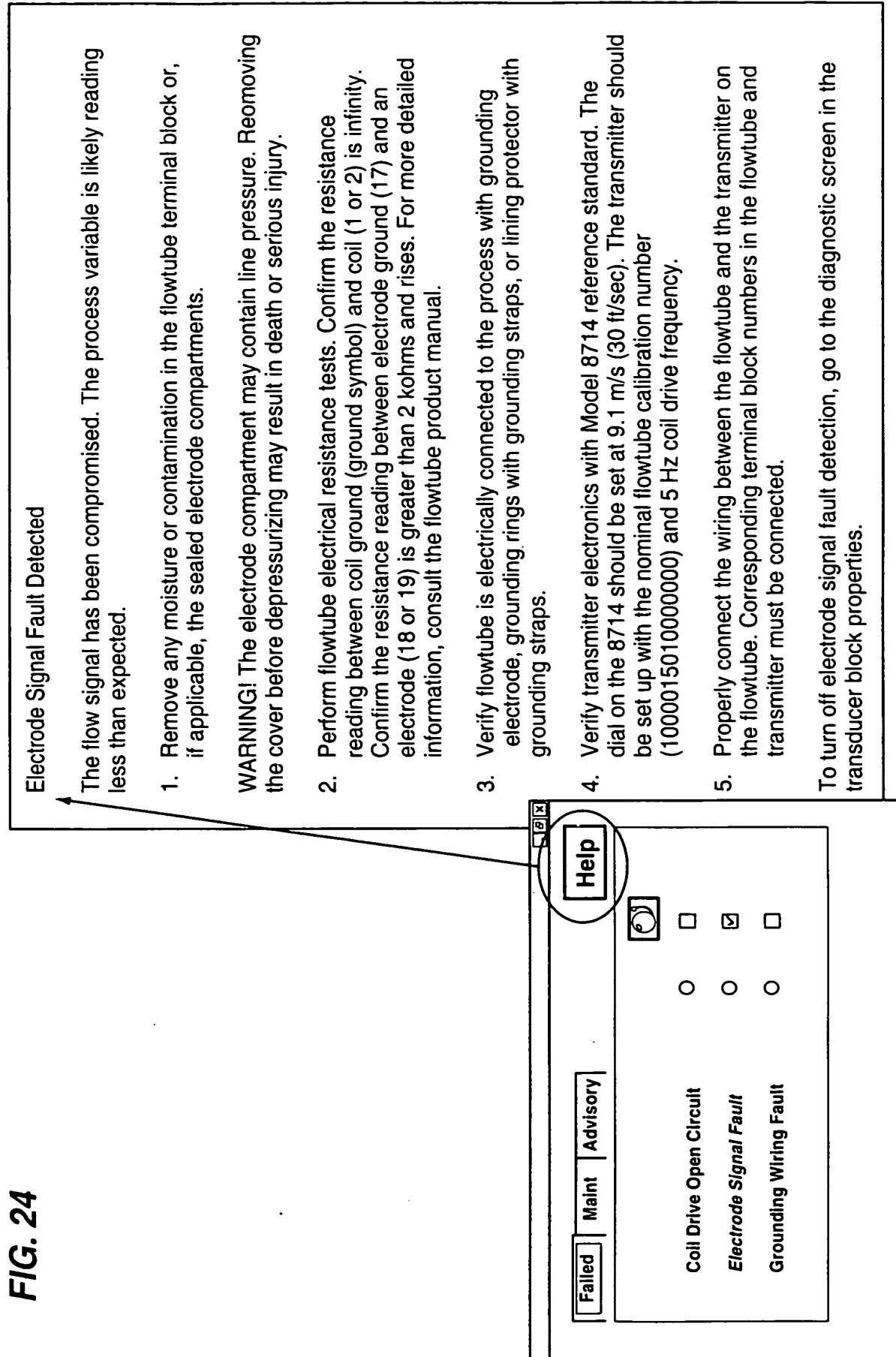


FIG. 23

FIG. 24



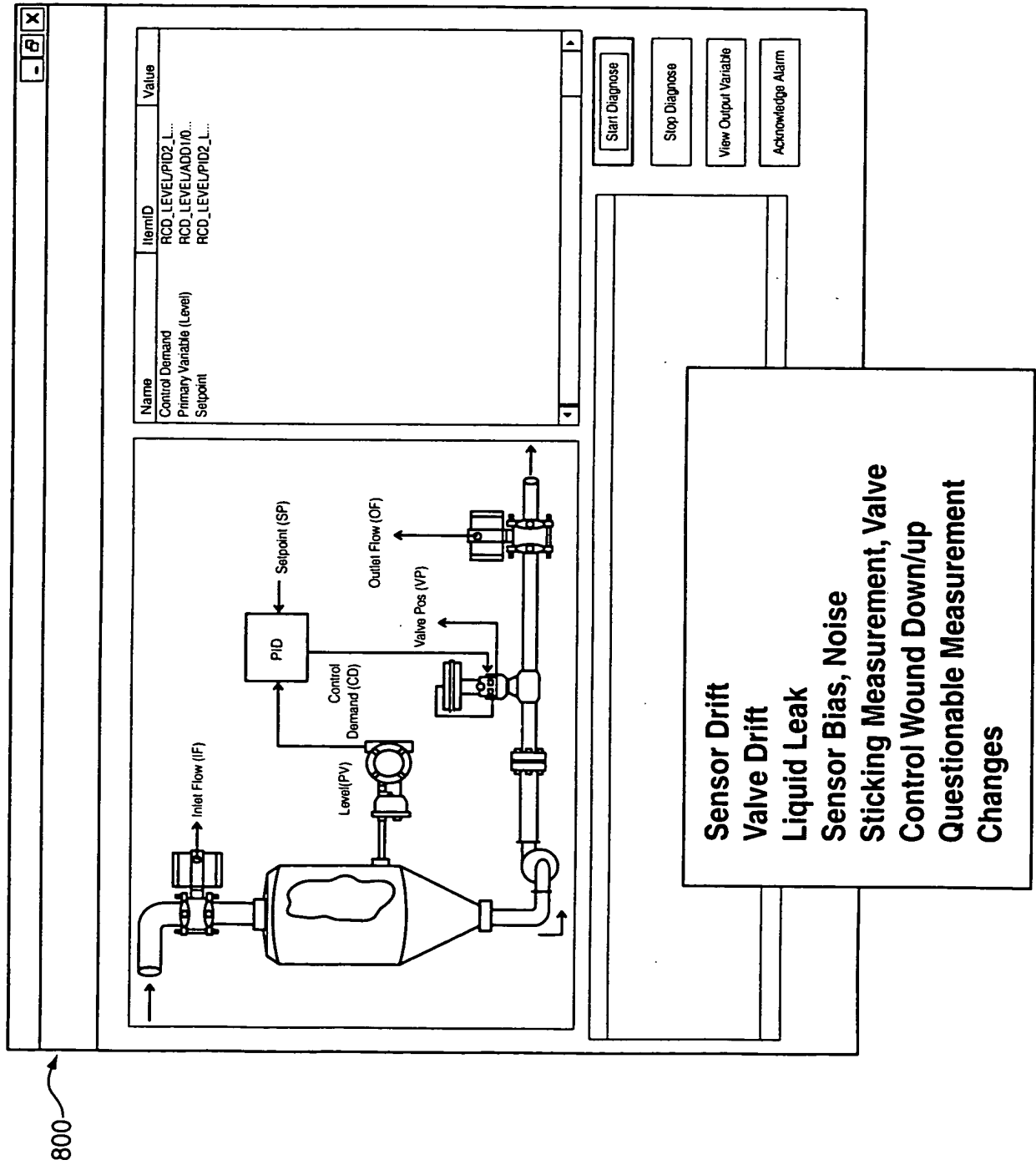


FIG. 25



Work Order		Plans	Actuals	Costs	WO Hierarchy	Safety Plan	Failure Reporting	Linked Documents
Modules								
Work Orders								
PMs								
Inventory								
Equipment								
Purchasing								
Plans								
Labor								
Calendars								
Resources								
Custom Apps								
Setup								
Utilities								
SENSOR MEASUREMENT								
Work Order		T1194		AMS Business Development Cubicle		WO Priority		5
Location		BDCUBE		Rosemont 3044C in BD Cube		Loc/Eq Priority		
Equipment		T1-111		Reported By		Equipment Up?		Y
Reported By		MAXIMO		Status Date		Warranty Date		
Status		WSCH		Status Date		Charge to Store?		N
GL Account				Work Phone		Work Type		EM
Job Details		Problem		Follow-up Work				
Job Plan				Failure Class		Originating WO		
Safety Plan				Problem Code		Has Follow-up Work?		
PM		AMS10130				N		
Service Contract								
Scheduling Information		Responsibility						
Start		Completion						
Target		8/18/00 11:42AM		Supervisor				
Scheduled				Labor Group				
Actual				Lead Craft/Person				
Estimated Duration		0.00		Modified				
Remaining Duration				Crew				
				Interruptible?				
				By				
				Date				

FIG. 27

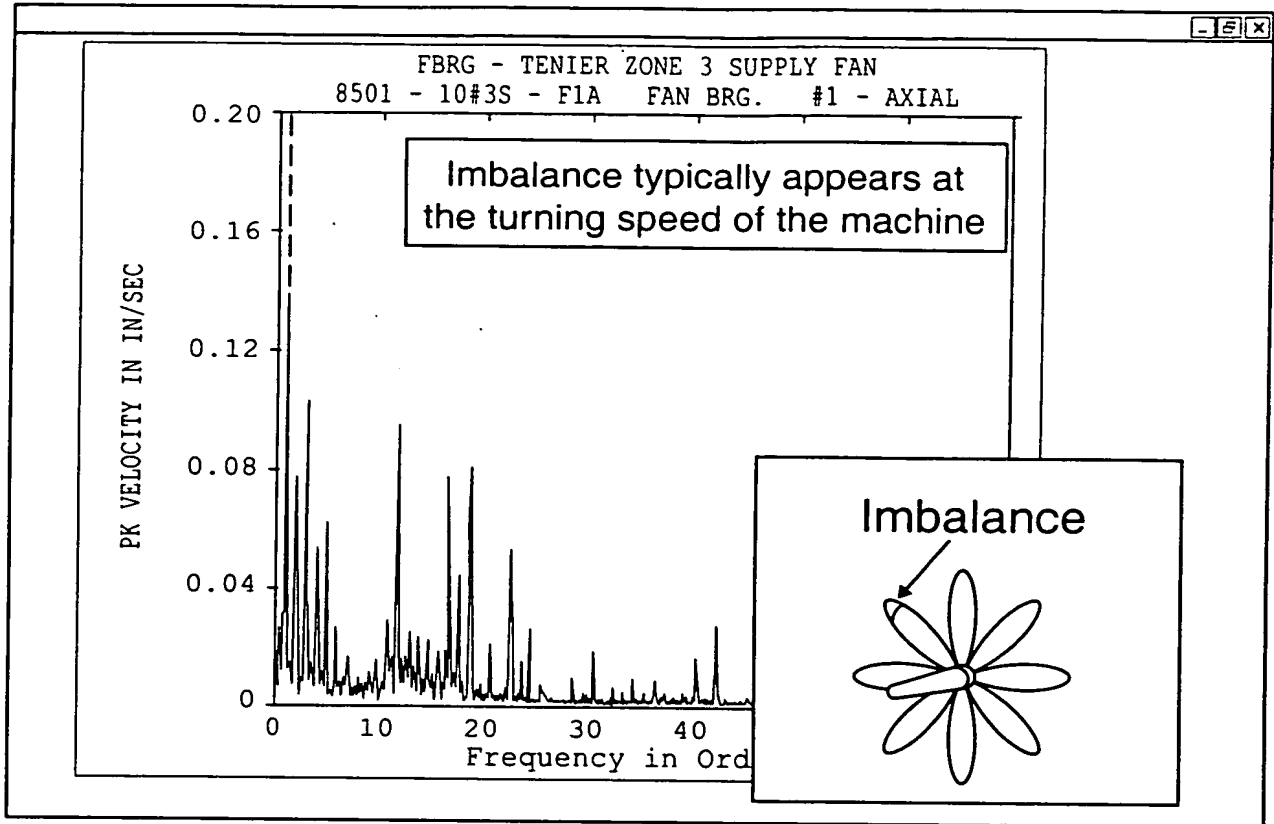


FIG. 28

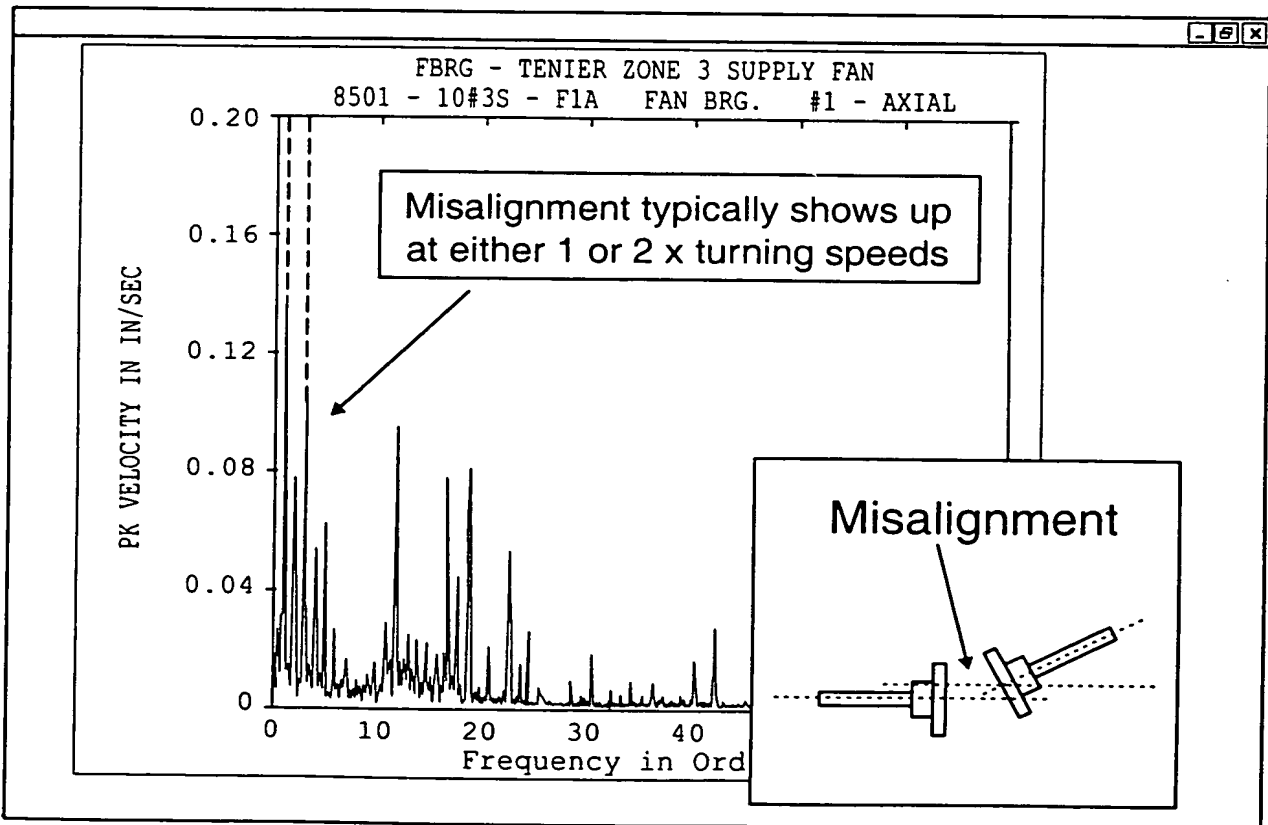


FIG. 29

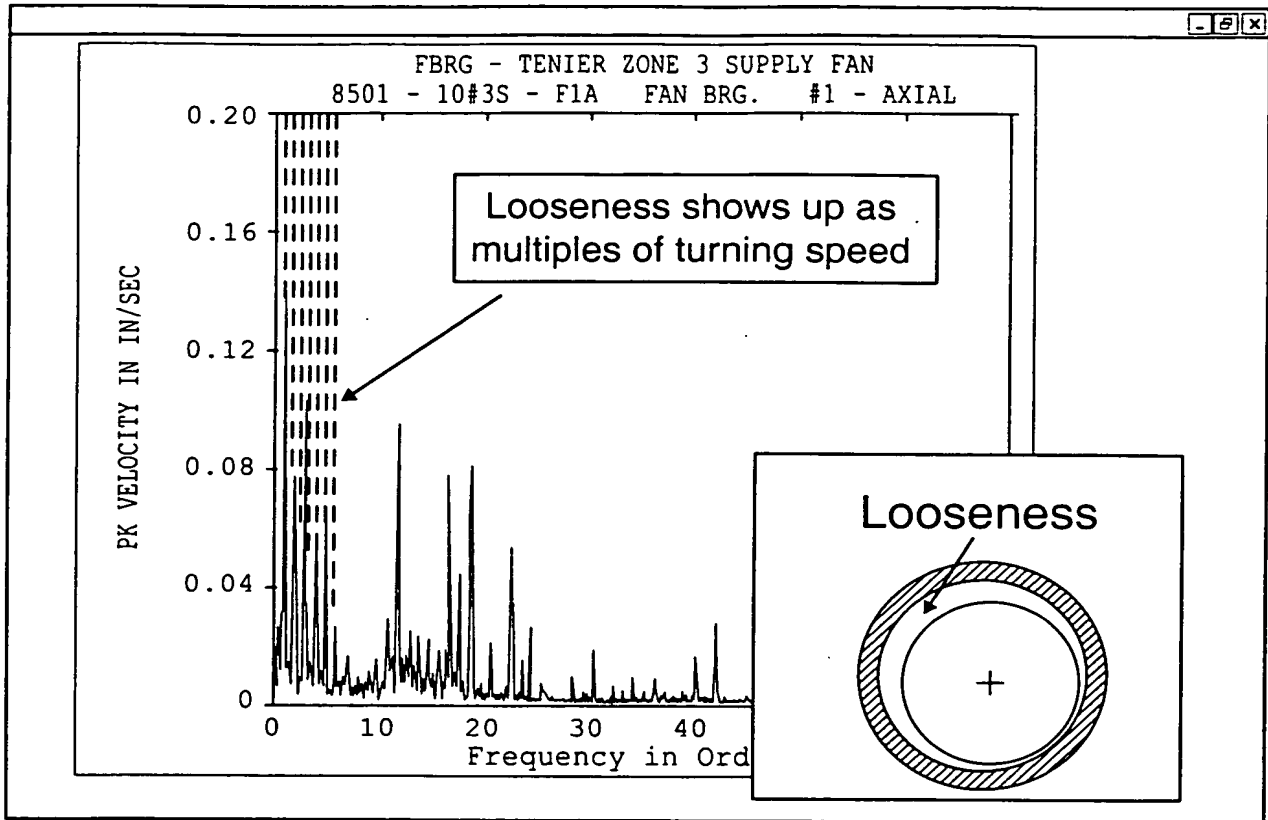


FIG. 30

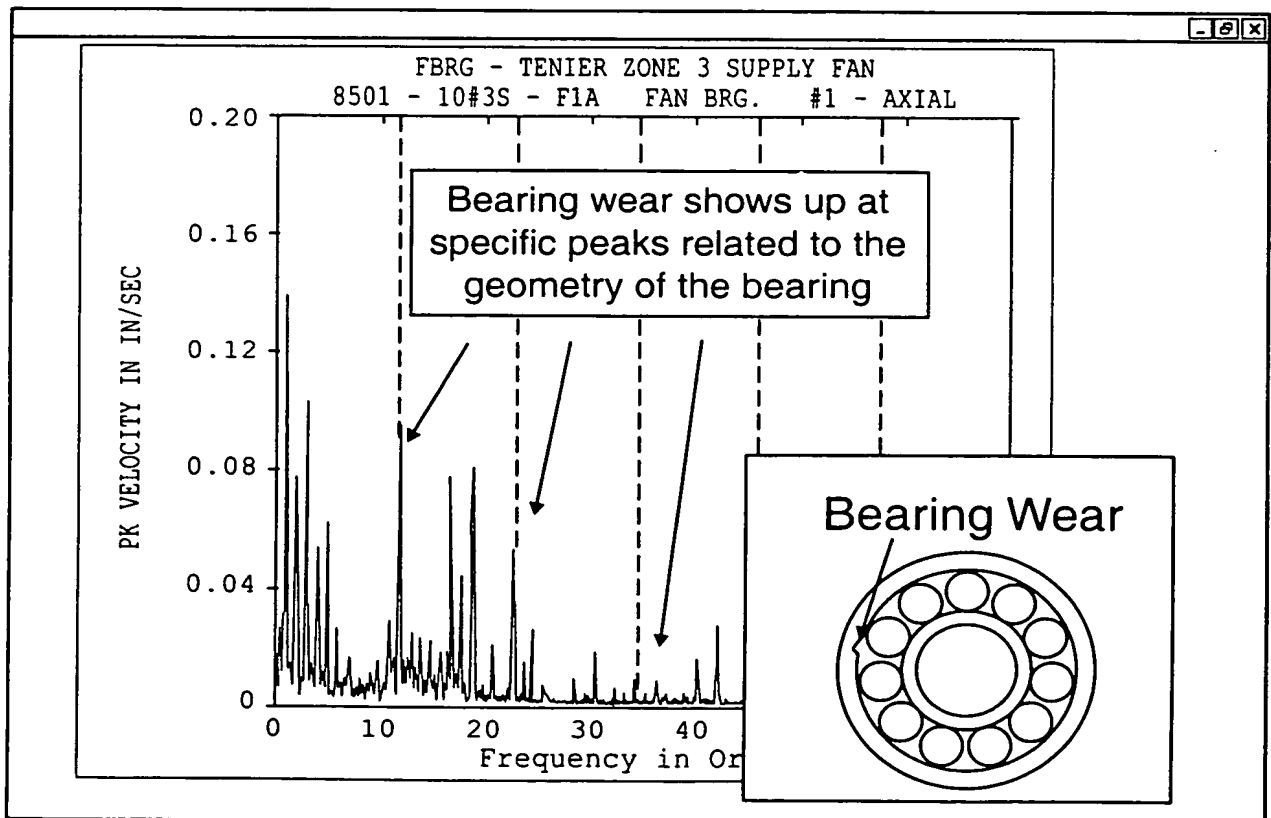


FIG. 31

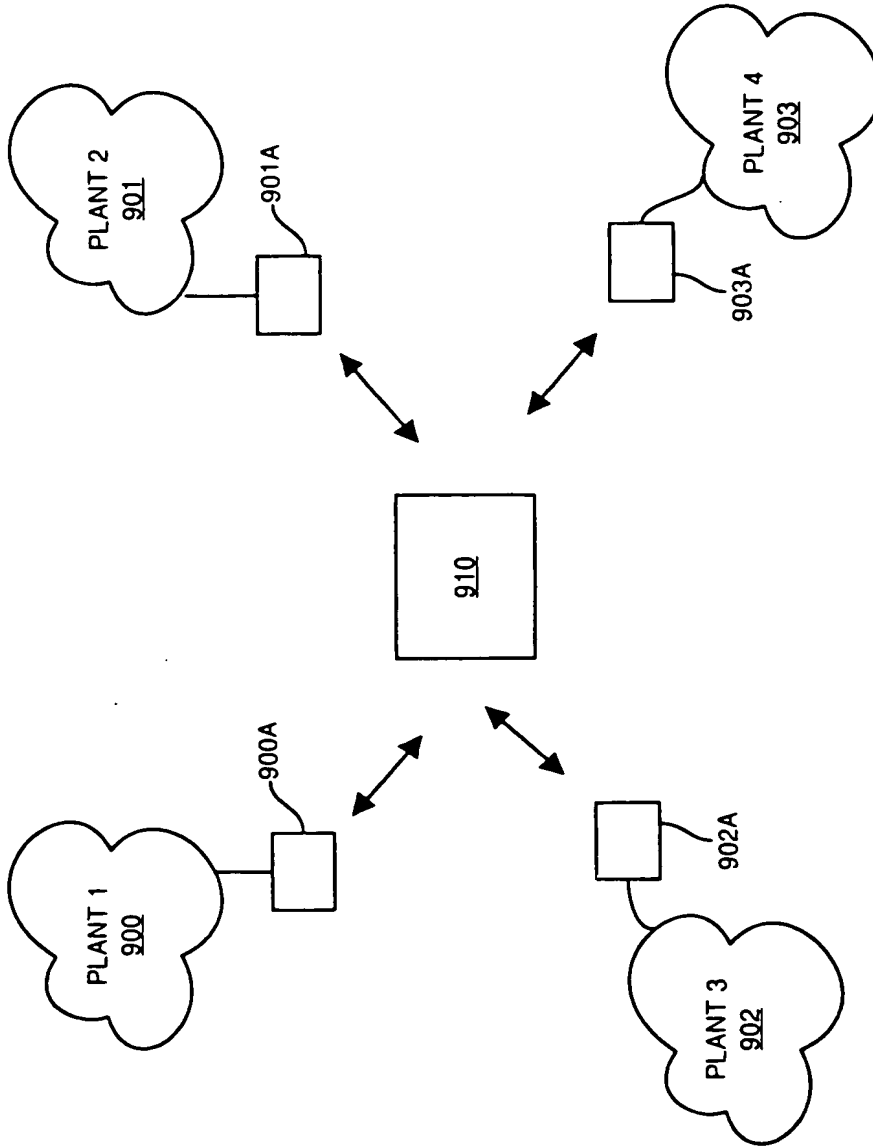


FIG. 32

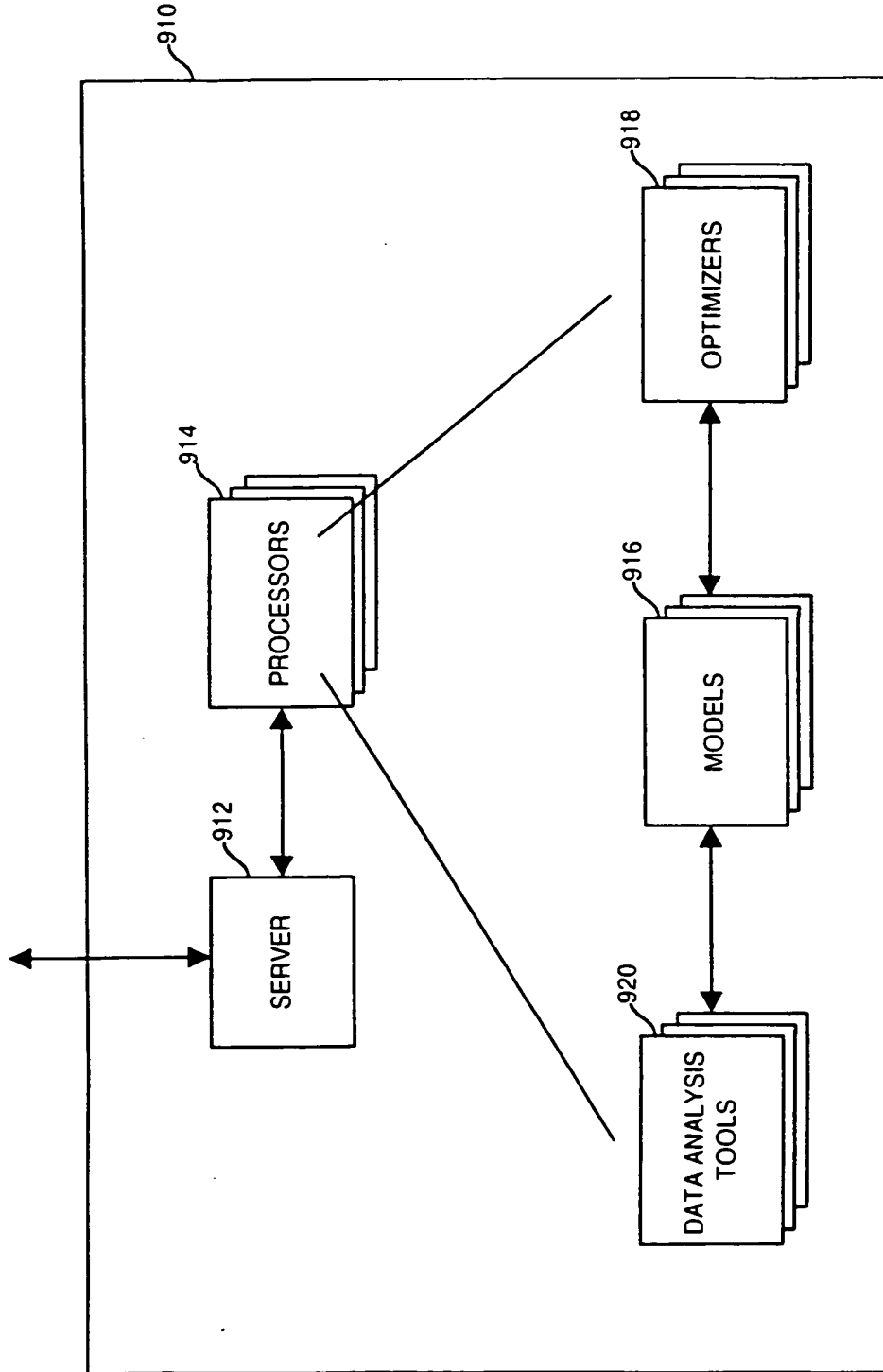


FIG. 33